

Marian College - North Parade site

Community Update



Background

Opus International Consultants Ltd has now updated its 2011 Geotechnical Assessment Report for the Marian College North Parade site to take account of recent knowledge in dealing with sites subject to liquefaction and lateral spread and recent site investigations on adjacent residential properties.

This draft 2013 report has been passed to Tonkin & Taylor for professional peer review and final confirmation. The Tonkin & Taylor professional peer review is likely to be completed by the end of January 2014.

The draft report notes that the site is likely to perform similarly to TC3 land in future seismic events with subsidence of up to 150mm and lateral spread up to 500mm in the western and northern parts of the site after a future ULS earthquake event.

This report provides two options that might be considered for use in order to rebuild/remediate the foundations for buildings on the site; either

- a. perimeter ground improvement with stone columns or rammed aggregate piers next to the Dudley Creek sections of the site - the buildings would then be constructed on shallow piled foundations; or
- b. deep piles 15 to 25m deep below the buildings without ground improvement.

Next Steps

When the peer review process has been completed and the report is thus finalised and confirmed, the Bishop will authorise Opus International Consultants to provide him with a feasibility study on costs to reoccupy the North parade site.

This feasibility study will include costings for the necessary ground improvements, details of, and costings for, which buildings can be retained and remediated, which strengthened, which demolished and how they would need to be re-built.

The feasibility study is likely to be completed by the end of April 2014.

This feasibility study will inform the Bishop's decisions on the future of his North Parade site.

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